IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) ~~Process~~ A process for recycling an article ~~based on~~ comprising at least one of vinyl chloride polymer ~~or~~ and vinylidene chloride polymer, according to which:

(a) the article is cut up into fragments with a mean size of 1 cm to 50 cm in the case where it ~~would~~ exceeds these sizes;

(b) the ~~article~~ fragments are brought into contact with an azeotropic or quasiazeotropic mixture of water and of a solvent capable of dissolving the polymer, at a temperature of at least 120°C to dissolve the polymer in the solvent;

(c) the polymer dissolved in the solvent is precipitated by a reduction in pressure and by injection of steam into the solution of polymer dissolved in the solvent ~~thus obtained~~, which additionally results in the entrainment of the solvent-water azeotrope and ~~thus~~ leaves a mixture remaining which is essentially composed of water and of solid polymer particles;

(d) the polymer particles are collected.

2. (Currently Amended) ~~Process~~ The process according to Claim 1, wherein ~~the dissolution~~ stage (b) is carried out in a container in which is positioned a perforated rotary drum.

3. (Currently Amended) ~~Process~~ The process according to claim 1, wherein the solvent is chosen from the group consisting of methyl ethyl ketone (MEK), methyl isobutyl ketone, ~~and~~ tetrahydrofuran and mixtures thereof.

4. (Currently Amended) ~~Process~~ The process according to claim 1, wherein ~~the dissolution~~ stage (b) is carried out under a pressure of 4 to 10 bar.

5. (Currently Amended) ~~Process~~ The process according to claim 1, wherein during ~~the dissolution~~ stage (b), the amount of article does not exceed 200 g per litre of solvent.

6. (Currently Amended) ~~Process~~ The process according to claim 1, wherein before precipitating the dissolved polymer, ~~the possible~~ undissolved constituents are removed at a temperature sufficient to prevent the precipitation of the polymer.

7. (Currently Amended) ~~Process~~ The process according to claim 1, wherein the precipitation ~~(c)~~ of the polymer in stage (c) is carried out by the joint injection of steam and of liquid water.

8. (Currently Amended) ~~Process~~ The process according to claim 1, wherein ~~the~~ a solvent/water liquid fraction collected ~~on~~ after conclusion of the precipitation in stage (c) is separated by settling into:

- a first fraction with an azeotropic or quasiazeotropic composition, which is reused in ~~the dissolution~~ stage (b);
- a second fraction predominantly of water, which is reused in ~~the precipitation~~ stage (c).

9. (Currently Amended) ~~Process~~ The process according to claim 1, wherein the article is a sheet.

10. (New) The process according to Claim 1, wherein said article comprises vinyl chloride polymer.

11. (New) The process according to Claim 2, wherein said article comprises vinyl chloride polymer.

12. (New) The process according to Claim 3, wherein said article comprises vinyl chloride polymer.

13. (New) The process according to Claim 4, wherein said article comprises vinyl chloride polymer.

14. (New) The process according to Claim 5, wherein said article comprises vinyl chloride polymer.

15. (New) The process according to Claim 7, wherein said article comprises vinyl chloride polymer.

16. (New) The process according to Claim 1, wherein said article comprises vinylidene chloride polymer.

17. (New) The process according to Claim 2, wherein said article comprises vinylidene chloride polymer.

18. (New) The process according to Claim 3, wherein said article comprises vinylidene chloride polymer.

19. (New) The process according to Claim 4, wherein said article comprises vinylidene chloride polymer.

20. (New) The process according to Claim 5, wherein said article comprises vinylidene chloride polymer.

21. (New) The process according to Claim 7, wherein said article comprises vinylidene chloride polymer.